SELECTED LITERATURE ON WATER-RESOURCES INVESTIGATIONS IN NEW JERSEY BY THE U.S. GEOLOGICAL SURVEY, THROUGH 1986

Compiled by F.L. Schaefer

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DEPARTMENT OF THE INTERIOR

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ABSTRACT

Because of the importance and complexity of the water resources of New Jersey today, there is a need for a current bibliography to serve as a basis for future water-resources studies. This report lists about 400 book reports, map reports, and articles that deal with the water resources of New Jersey published through 1986. The publications are grouped under three major headings: (1) publications of the U.S. Geological Survey, (2) publications of State agencies prepared by, or in cooperation with, the U.S. Geological Survey, and (3) other publications, such as technical journals prepared by, or co-authored by, U.S. Geological Survey personnel. Most of the publications are available for inspection at the West Trenton office of the U.S. Geological Survey and at large public and university libraries. Ordering information is given for those publications that are for sale.

INTRODUCTION

The number of publications pertaining to water resources in New Jersey is large. Therefore, the publications listed below were selected to show the types of information available to those interested in or in need of water facts. This report lists about 400 book reports, map reports, and articles that deal with the water resources of New Jersey published through 1986. Many of these publications are available for inspection at the West Trenton office of the U.S. Geological Survey and at large public and university libraries. The publications are grouped as follows: (1) publications of the U.S. Geological Survey, (2) publications of State agencies prepared by or in cooperation with the U.S. Geological Survey, and (3) other publications, such as technical journals, prepared by or co-authored by U.S. Geological Survey personnel. A map of New Jersey counties (fig. 1) is shown below for the use of readers who are not familiar with the State.

PUBLICATIONS OF THE U.S. GEOLOGICAL SURVEY

General information.--The U.S. Geological Survey announces all its publications in a monthly report "New Publications of the U.S. Geological Survey." Subscription to this report is free, upon request to the U.S. Geological Survey, 582 National Center, Reston, VA 22092. All publications in this report are for sale unless specifically stated otherwise. Prices, which are subject to change, are not included here. Prepayment is required and information on price and availability should be obtained from the listed sales offices before placing an order.

The "U.S. Geological Survey Yearbook" provides a comprehensive description of the Federal Government's largest earth-science agency. Copies of this report may be purchased at the address where professional papers are sold (see below).

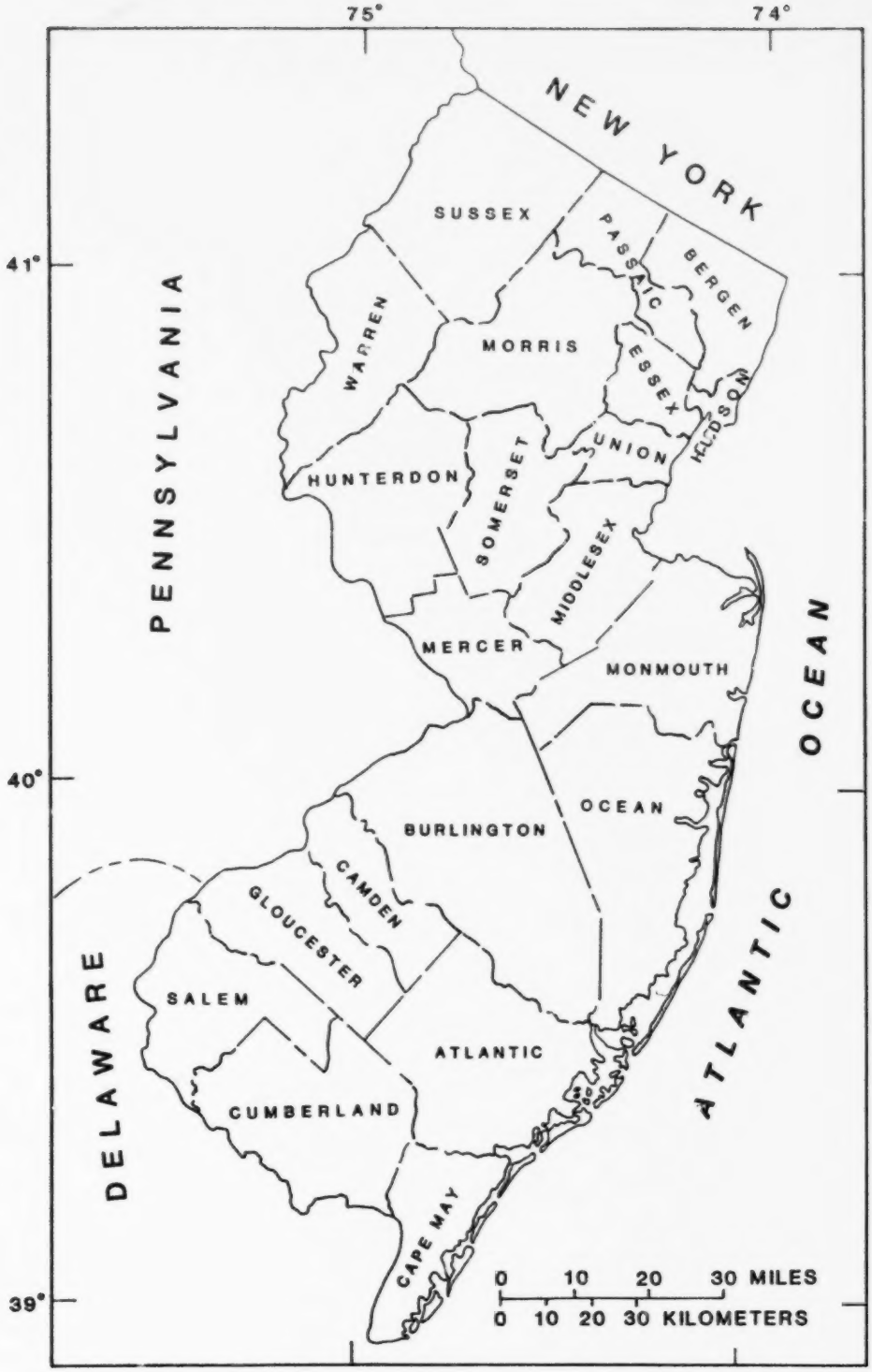

Figure 1.--Counties of New Jersey.

Summaries of research in progress and results of completed investigations are published each fiscal year in the professional paper series "U.S. Geological Survey Research" (see under heading Professional Papers).

The National Water Summary Program was established in 1981 to synthesize information about the availability, quantity, quality, and the use of water resources and to organize it in ways which portray the condition of the Nation's water resources to national, state, and local officials and to the general public. The information is being prepared on a continuing basis from results of the Geological Survey's water-resources investigations and data-collection programs. "National Water Summary" reports have been published annually since 1984 (see Water-Supply Papers 2250, 2275, and 2300).

A pamphlet entitled "List of Geologic and Water-Supply Reports and Maps for Pennsylvania and New Jersey", which includes reports on the geology of Pennsylvania and New Jersey and other water-resources reports, is available free upon request to the U.S. Geological Survey, 419 National Center, Reston, VA 22092.

Water-resources information.--A monthly summary of the national water situation is presented in the "National Water Conditions," which is available free on request to the U.S. Geological Survey, 419 National Center, Reston, VA 22092.

Records of streamflow, ground-water levels, and quality of water were published for many years as Geological Survey Water-Supply Papers as explained below.

Streamflow records.--Records of daily flows of streams prior to 1971 were published in the Water-Supply Paper series "Surface-Water Supply of the United States," which was released in numbered parts as determined by natural drainage basins. Until 1961, this was an annual report series; monthly and yearly summaries of these data were compiled in two reports: "Compilation of Records of Surface Waters of the United States through September 1950 - Part 1B" and "Compilation of Records of Surface Waters of the United States, October 1950 to September 1960 - Part 1B." For the period 1961-1970, 5-year compilations were published. Data for New Jersey are published in part 1, volume 2. Daily streamflow records were published on a State-boundary basis during the period 1961-74.

Ground-water records.--Ground-water levels in observation wells, prior to 1975, were reported by geographic areas in a 5-year water-supply paper series. Data for New Jersey are in "Ground-Water Levels in the United States, Northeastern States."

Quality-of-water records.--Data on quality of surface water prior to 1971 were published annually in the water-supply paper series "Quality of Surface Waters of the United States," which also was released in numbered parts as determined by natural drainage basins. Data for New Jersey are in Part 1. For water years 1964-74, these data also were released annually on a State-boundary basis.

Beginning with the 1975 water year, these series were replaced by a new publication series "U.S. Geological Survey Water-Data Reports." This series combines, under one cover, streamflow data, water-quality data for surface and ground water, and ground-water-level data for each State. For New Jersey the title is "Water Resources Data--New Jersey - Water year (date) - volume 1 or 2." (See list: "Water-Data Reports.")

Flood information.--Reports documenting major floods in New Jersey have been published as U.S. Geological Survey water-supply papers, hydrologic atlases, water-resources investigations reports, open-file reports, and State special reports and circulars. Methods for estimating the magnitude and frequency of floods for selected streams are given in New Jersey Special Report 38 (see page 33). The U.S. Geological Survey also outlines flood-prone areas on topographic maps as part of a nationwide Federal program for managing flood losses. Urban areas that have flood problems have been extracted from these topographic maps and published as pamphlets. In New Jersey, 172 topographic maps covering the entire State and 6 urban-area pamphlets have been completed. (See list: "Flood-prone-area maps in New Jersey.") Information on these maps is available from the District Chief, Water Resources Division at the address shown in the front of this report.

Professional Papers

Professional papers are sold by the U.S. Geological Survey, Books and Open-File Reports Section, Federal Center, Building 41, Box 25425, Denver, CO 80225 (Telephone [303] 236-7476). Reports that are no longer available are indicated as "(Out of stock.)"

P 180. The minerals of Franklin and Sterling Hill, Sussex County, N.J., by Charles Palache. 1935. 135 p.

P 264-B. Additions to the fauna of the Raritan Formation (Cenomanian) of New Jersey, by T.W. Stephenson. 1954. p. 25-43.

P 287. Geology and magnetite deposits of Dover district, Morris County, New Jersey, by P.K. Sims with a description of the geologic section at Hibernia mine, by A.F. Buddington. 1958. 162 p.

P 381. Water resources of the Delaware River basin, by G.G. Parker, A.G. Hely, W.B. Keighton, and F.H. Olmstead and others. 1964. 200 p.

P 400-B. Short papers in the geological sciences, Articles 1-232, by U.S. Geological Survey: ART. 28, Concentrations of "ilmenite" in the Miocene and post-Miocene formations near Trenton, N.J., by J.P. Owens, J.P. Minard, D.R. Wiesnet, and F.J. Markewicz, p. B57; ART. 80, Taconic and post-Taconic folds in eastern Pennsylvania and western New Jersey, by A.A. Drake, Jr., R.E. Davis, and D.C. Alvord, p. B180; ART. 82, Differential subsidence of the southern part of the New Jersey Coastal Plain since early Late Cretaceous time, by J.P. Minard and J.P. Owens, p. B184-B186, ART. 196, Some characteristics

of glauconite from the Coastal Plain formations of New Jersey, by J.P. Owens and J.P. Minard, p. B430. 1960. (Out of stock.)

P 411-D. Review of some elements of soil-moisture theory, by Irwin Remson and J.R. Randolph. 1962. 38 p.

P 417-B. Some relations between streamflow characteristics and the environment in the Delaware River region, by A.G. Hely and F.H. Olmsted. 1963. p.B1-B5.

P 424-C. Short papers in the geologic and hydrologic sciences, Articles 147-292, by U.S. Geological Survey: ART. 172, End moraines on Kittatinny Mountain, Sussex County, New Jersey, by J.P. Minard, p. C61-C64; ART. 173, Redefinition of the Mount Laurel Sand (Upper Cretaceous) in New Jersey, by J.P. Minard, p. C64-C67; ART. 263, Distribution of clay-sized sediments in the Coastal Plain formations near Trenton, New Jersey, by J.P. Owens, J.P. Minard, and P.D. Blackmon, p. C317-C319. 1961. (Out of stock.)

P 424-D. Short papers in the geologic and hydrologic sciences, Articles 293-435, by U.S. Geological Survey: ART. 313, Natural movement of ground water at a site on the Mullica River in the Wharton Tract, southern New Jersey, by S.M. Lang. 1961. p. D52-D54. (Out of stock.)

P 450-B. Short papers in geology, hydrology, and topography, Articles 1-59, by U.S. Geological Survey: ART. 21, Marginal sea of middle Eocene age in New Jersey, by S.M. Herrick, p. B56-B58; ART. 36, Movement of ground water beneath the bed of the Mullica River in the Wharton Tract, southern New Jersey, by S.M. Lang and E.C. Rhodehamel, p. B90-B92; ART. 51, Cation hydrochemical facies of ground water in the Englishtown Formation, New Jersey, by P.R. Seaber, p. B124-B126. 1962. (Out of stock.)

P 450-D. Short papers in geology, hydrology, and topography, Articles 120-179, by U.S. Geological Survey: ART. 168, Winter ground-water temperatures along the Mullica River, Wharton Tract, New Jersey, by E.C. Rhodehamel and S.M. Lang. 1962. p. D165-D168. (Out of stock.)

P 475-B. Short papers in geology and hydrology, Articles 1-59, by U.S. Geological Survey: ART. 26, Stratigraphic section at Island Beach State Park, New Jersey, by P.R. Seaber and John Vecchioli. 1963. p. B102-B105.

P 475-D. Short papers in geology and hydrology, Articles 122-172, by U.S. Geological Survey: ART. 167, Height-frequency relations for New Jersey floods, by D.M. Thomas. 1964. p. D202-D203.

P 498-A. Hydrochemical facies and ground-water flow patterns in northern part of Atlantic Coastal Plain, by William Back. 1966. 42 p.

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P 501-B. Foraminifera from the Exogyra ponderosa zone of the Marshalltown Formation at Auburn, New Jersey, by J.F. Mello, J.P. Minard, and J.P. Owens, p. B61-B63; Cesium and strontium sorption studies on glauconite, by M.M. Schnepfe, Irving May, and C.R. Naeser, p. B95-B99, in Geological Survey Research 1964, Chap. B, by U.S. Geological Survey. 1964.

P 501-C. Petrography of the basement gneiss beneath the Coastal Plain sequence, Island Beach State Park, New Jersey, by D.L. Southwick, in Geological Survey Research 1964, Chap. C., by U.S. Geological Survey. 1964. p. C55-C60. (Out of stock.)

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P 563-C. Distribution of roots and rhizomes in different soil types in the Pine Barrens of New Jersey, by W.A. Laycock. 1967. 29 p.

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1967, Chap. B, by U.S. Geological Survey. 1967. p. B254-B257. (Out of stock.)

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P 600-D. Computation of reaeration coefficients for a river system in northeastern New Jersey, by T.J. Buchanan in Geological Survey Research 1968, Chap. D, by U.S. Geological Survey. 1968. p. D42-D44. (Out of stock.)

P 638. Geology and magnetite deposits of the Franklin quadrangle and part of the Hamburg quadrangle, New Jersey, by D.R. Baker and A.F. Buddington. 1970. 73 p.

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P 659. Geologic framework and petroleum potential of the Atlantic Coastal Plain and Continental Shelf, by J.C. Maher. 1971. 98 p.

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P 796. Structural and stratigraphic framework and spatial distribution of the permeability of the Atlantic Coastal Plain, North Carolina to New York, by P.M Brown, J.A. Miller, and F.M. Swain. 1972. 79 p.

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P 864-A. A review and interpretation of the geologic setting of the Watchung Basalt flows, New Jersey, by G.T. Faust. 1975. 42 p.

P 864-B. Joint systems in the Watchung Basalt flows, New Jersey, by G.T. Faust. 1978. 46 p.

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Pennsylvania, Delaware and Maryland, by J.P. Owens and J.P. Minard. 1979. 47 p.

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P 1200-NJ. The national gazetteer of the United States of America - New Jersey 1983, by U.S. Geological Survey. 1983. 225 p.

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W 596-E. Quality of the surface waters of New Jersey, by W.D. Collins and C.S. Howard. 1928. p. 89-119.

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W 867. Hurricane floods of September 1938, by U.S. Geological Survey. 1940. 562 p.

W 966. Minor floods of 1938, in the North Atlantic states, by U.S. Geological Survey. 1947. 426 p.

W 1262. Chemical characteristics of Delaware River water, Trenton, New Jersey, to Marcus Hook, Pennsylvania, by C.N. Durfor and W.B. Keighcon. 1954. 173 p.

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W 1541-A. General introduction of hydrologic definitions, by W.B. Langbein and K.T. Iseri. 1960. 29 p.

W 1586-B. Salinity of the Delaware estuary, by Bernard Cohen and L.T. McCarthy, Jr. 1962. 47 p.

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W 1779-X. Quality of Delaware River water at Trenton, New Jersey, by L.T. McCarthy, Jr., and W.B. Keighton. 1964. 51 p.

W 1790-B. Summary of floods in the United States during 1960, by J.O. Rostvedt. 1965. 147 p.

W 1798-L. Effects of land use and retention practices on sediment yields in the Stony Brook basin, New Jersey, by L.J. Mansue and P.W. Anderson. 1974. 33 p.

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W 1809-O. Delaware River water quality, Bristol to Marcus Hook, Pennsylvania, August 1949 to December 1963, by W.B. Keighton. 1965. 57 p.

W 1812. Public water supplies of the 100 largest cities in the United States, 1962, by C.N. Durfor and Edith Becker. 1964. 364 p. (Out of stock.)

W 1819-G. Water-quality characteristics of New Jersey streams, by P.W. Anderson and J.R. George. 1966. 48 p.

W 1838. Reservoirs in the United States, by R.O.R. Martin and R.L. Hanson. 1966. 115 p.

W 1899-I. Streamflow from the United States into the Atlantic Ocean during 1931-60, by C.D. Bue. 1970. 36 p.

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W 1974. Water resources of the New Jersey part of the Ramapo River basin, by John Vecchioli and E.G. Miller. 1973. 77 p.

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W 1999-K. Analysis of stream-temperature variations in the upper Delaware River basin, New York, by O.O. Williams. 1971. 45 p.

W 2020. Subsurface waste disposal by means of wells--A selected annotated bibliography, by D.R. Rima, E.B. Chase, and B.M. Myers. 1971. 305 p.

W 2021. Evaluation of yields of wells in consolidated rocks, Virginia to Maine, by D.J. Cederstrom. 1972. 38 p.

W 2026. Characteristics of water quality and streamflow, Passaic River basin above Little Falls, New Jersey, by P.W. Anderson and S.D. Faust. 1973. 80 p.

W 2034. Cost analysis of ground-water supplies in the North Atlantic region, 1970, by D.J. Cederstrom. 1973. 48 p.

W 2102. Surface-water supply of the United States, 1966-70, Part 1. North Atlantic slope basins, volume 2. Basins from New York to Delaware, by U.S. Geological Survey. 1976. 985 p.

W 2151. Quality of surface waters of the United States, 1970, Part 1. North Atlantic slope basins, by U.S. Geological Survey. 1975. 674 p.

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W 2275. National water summary 1984; hydrologic events, selected water-quality trends, and ground-water resources, by U.S. Geological Survey. 1985. 467 p.

W 2300. National water summary 1985; hydrologic events and surface-water resources, by U.S. Geological Survey. 1986. 506 p.

Circulars

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C 190. Index of water-resources records in the Delaware River basin to September 30, 1951, by U.S. Geological Survey. 1952. 19 p.

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*OF 86-316. Description and results of test-drilling program at Picatinny Arsenal, New Jersey, 1982-84, by P.T. Harte, B.P. Sargent, and E.F. Vowinkel. 1986. 54 p.

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Flood-Prone-Area Maps in New Jersey

Flood-prone-area maps in New Jersey are available free in limited quantities from the office of the District Chief, Water Resources Division, West Trenton, N.J.

Quadrangle	County Code	Year Completed
Adelphia	25,29	1970
Allentown	5,21,25	1970
Alloway	11,33	1973
Arthur Kill (N.Y.)	23,39	1973
Asbury Park	25	1972
Atlantic City	1	1972
Atsion	1,5	R 1976
Avalon	9	1973
Bangor (Pa.)	41	1973
Barnegat Light	29	1973
Beach Haven	29	1973
Belvidere	41	R 1976
Ben Davis Point	11	1973
Bernardsville	27,35	1973
Beverly	5	1973
Blairstown	41	1976
Bloomsburg	19,41	1976
Bombay Hook (Del.)	11	1973
Boonton	27	1976
Bound Brook	23,35	1972
Branchville	37	1973
Bridgeport	15	1973
Bridgeton	11,33	1973
Brigantine Inlet	1	1973
Bristol (Pa.)	5	1972
Brookville	29	1973
Browns Mills	5,29	1972
Buena	1,11,15	1973
Bushkill (Pa.)	41	1973
Caldwell	13,27	R 1976
Califon	19,27	1973
Camden	7	1973
Canton	11,33	1973
Cape May	9	1973
Cassville	25,29	1973
Cedarville	11	1973
Central Park (N.Y.)	3,17	1973
Chatham	27,35,39	1972
Chatsworth	5	1973
Chester	27	1973
Clementon	5,7	1970
Columbus	5	1973
Culvers Gap	37	1973
Delaware City (Del.)	33	1973
Dividing Creek	11	1973
Dorothy	1,11	1973
Dover	27,37	1976
Easton	19,41	R 1976
Egg Harbor City	1	1972
Elizabeth	3,13,17,39	1973
Elmer	11,33	1973
Farmingdale	25,29	1970
Five Points	1,11	1973
Flatbrookville	37,41	1976
Flemington	19,35	1973
Forked River	29	1973
Fortescue	11	1973
Frankford (Pa.)	5	1973
Franklin	27,37	1976
Freehold	23,25	1972
Frenchtown	19	1973
Gladstone	19,27,35	1973
Green Bank	1,5	1972
Greenwood Lake(N.Y.)	31	1972
Hackensack	3,31	R 1976
Hackettstown	19,27,41	1976
Hamburg	37	1976
Hammonton	1,5,7	1972
Heislerville	9,11	1973
High Bridge	19,41	1976
Hightstown	21,23	1972
Hopewell	19,21,35	1972
Indian Mills	5	1973
Jamesburg	21,23,25	1972
Jenkins	5	1973
Jersey City	3,13,17	1976
Keswick Grove	29	1973
Keyport	23,25	1972
Lakehurst	29	1970
Lake Maskenozha(Pa.)	37	1973
Lakewood	25,29	1970
Lambertville	19,21	1973
Long Beach NE	29	1973
Long Branch	25	1972
Lumberville (Pa.)	19	1972
Marcus Hook (Pa.)	15,33	1973
Marlboro	25	1972
Marmora	1,9	1973
Mays Landing	1	1972
Medford Lakes	5,7	1973
Mendham	27,35	R 1976
Milford (Pa.)	37	1973

Flood-Prone-Area Maps in New Jersey--Continued

Quadrangle	County Code	Year Completed
Millville	11,33	1970
Monmouth Junction	23,35	R 1974
Moorestown	5,7	1973
Morristown	27	1969
Mount Holly	5	1972
New Brunswick	23,35	1972
New Egypt	5,25,29	1973
Newfield	11,15,33	1970
Newfoundland	27,31,37	1976
New Gretna	1,5,29	1973
Newton East	37	1976
Newtonville	1,7	1970
Newton West	37,41	1976
Nyack (N.Y.)	3	1969
Ocean City	1,9	1972
Oceanville	1	1972
Orange	3,13,31	1972
Oswego Lake	5,29	1973
Park Ridge (N.Y.)	3	1973
Paterson	3,13,31	1972
Pemberton	5	1972
Pennington	19,21	1972
Penns Grove	15,33	1973
Perth Amboy	23,39	1970
Philadelphia (Pa.)	7,15	1973
Pine Island (N.Y.)	37	1973
Pitman East	7,15	1972
Pitman West	15,33	R 1976
Pittstown	19	1973
Plainfield	23,35,39	1972
Pleasantville	1	1972
Point Pleasant	25,29	1972
Pompton Plains	13,27,31	1976
Port Elizabeth	9,11	1973
Port Jervis South	37	1973
Portland	41	R 1976
Port Norris	11	1973
Princeton	21,23	1970
Ramsey	3,31	1976
Raritan	19,35	1973
Riegelsville	19,41	1976
Rio Grande	9	1973
Rocky Hill	21,35	1973
Roosevelt	21,23, 25,29	1972
Roselle	13,39	1970
Runnemede	7,15	1972
Salem	33	1973
Sandy Hook	25	1972
Sea Isle City	9	1973
Seaside Park	29	1972
Shiloh	11,33	1973
Ship Bottom	29	1973
Sloatsburg (N.Y.)	3,31	1972
South Amboy	23,25	1972
Stanhope	27,37	1976
Stockton	19	1972
Stone Harbor	9	1973
Stroudsburg (Pa.)	41	1976
Taylors Bridge(Del.)	33	1973
Toms River	29	1970
Tranquility	27,37,41	1976
Trenton East	5,21	1972
Trenton West	5,21	1972
Tuckahoe	1,9,11	1973
Tuckerton	29	1973
Unionville (N.Y.)	37	1976
Wanaque	3,27,31	1976
Washington	19,27,41	1976
Wawayanda	31,37	1972
Weehawken	3,17	1972
West Creek	29	1973
Whiting	5,29	1973
Wildwood	9	1973
Williamstown	7,15	1970
Wilmington South	33	1973
Woodbine	9	1973
Woodbury	7,15	1973
Woodmansie	5,29	1973
Woodstown	15,33	R 1976
Yonkers (N.Y.)	3	1973

R - Revised

N.J. County Codes

1	Atlantic	13	Essex	23	Middlesex	33	Salem
3	Bergen	15	Gloucester	25	Monmouth	35	Somerset
5	Burlington	17	Hudson	27	Morris	37	Sussex
7	Camden	19	Hunterdon	29	Ocean	39	Union
9	Cape May	21	Mercer	31	Passaic	41	Warren
11	Cumberland						

PUBLICATIONS OF THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION, DIVISION OF WATER RESOURCES PREPARED BY OR IN COOPERATION WITH THE U.S. GEOLOGICAL SURVEY

These reports can be obtained from the New Jersey Department of Environmental Protection, Division of Water Resources, P.O. Box CN029, Trenton, N.J. 08625. The Department of Environmental Protection was formerly known as the Department of Conservation and Economic Development. These reports are available for inspection in the West Trenton, N.J. office of the U.S. Geological Survey.

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SR 5. Surface water supply of New Jersey, streamflow records, October 1, 1928 to September 30, 1934, by O.W. Hartwell. 1936. 253 p.

SR 6. Supplementary report on the ground-water supplies of the Atlantic City region, by H.C. Barksdale, R.W Sundstrom, and M.S. Brunstein. 1936. 139 p.

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SR 16. Surface-water supply of New Jersey, streamflow records, October 1, 1950 to September 30, 1955, by J.E. McCall and A.C. Lendo. 1960. 405 p.

SR 17. Salt-water encroachment into aquifers of the Raritan Formation in the Sayreville area, Middlesex County, New Jersey, with a section on a proposed tidal dam on the South River, by C.A. Appel. 1962. 47 p.

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SR 25. Availability of ground water in Morris County, New Jersey, by H.E. Gill and John Vecchioli. 1965. 56 p.

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SR 27. Geology and ground-water resources of the Rahway area, New Jersey, by H.R. Anderson. 1968. 72 p.

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SR 33. Geology and ground-water resources of Salem County, New Jersey, by J.C. Rosenau, S.M. Lang, G.S. Hilton and J.G. Rooney. 1969. 142 p.

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WRC 24. Occurrence and distribution of trace elements in New Jersey streams, by P.W. Anderson. 1970. 24 p.

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BGS 30. Ground-water supplies of the Atlantic City region, by D.G. Thompson. 1928. 138 p.

BGS 33. Surface-water supplies of New Jersey to September 30, 1928, by O.W. Hartwell. 1929. 301 p.

BGS 35. Ground-water supplies in the vicinity of Asbury Park, by D.G. Thompson. 1930. 50 p.

BGS 38. Ground water supplies of the Passaic River valley near Chatham, N.J., by D.G. Thompson. 1932. 51 p.

BGS 39. Ground-water supplies of the Camden area, New Jersey, by D.G. Thompson. 1932. 80 p.

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Address inquiries about the availability of these reports to the publishers. Most of the reports are available for inspection in the West Trenton, N.J. office of the U.S. Geological Survey.

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Civil Engineers Proceedings Paper 6138. Journal of Sanitary Engineering Division, v. 94, no. SA 5, p. 779-788.

OP 2. _____, 1968, Urbanization's effect on sediment yield in New Jersey: Soil and Water Conservation Journal, v. 23, no. 4, p. 142-144.

OP 3. Anderson, P.W., Faust, S.D., and McCall, J.E., 1972, Impact of drought on New Jersey's water resources: American Society Civil Engineers Proceedings Paper 9205, Journal of Irrigation and Drainage Division, v. 98, no. IR3, p. 375-385.

OP 4. Anderson, P.W., and Faust, S.D., 1972, Impact of drought on quality in a New Jersey water supply system: American Water Resources Association Water Resources Bulletin, v. 8, no. 4, August 1972, p. 750-760.

OP 5. Anderson, P.W., Murphy, J.J., and Faust, S.D., 1970, Automated stream quality sensing network in New Jersey: Proceedings of the National Symposium on Data and Instrumentation for Water Quality Management, Madison, Wisconsin, p. 261-281.

OP 6. Barksdale, H.C., 1933, A ten-year record of water-table fluctuations near Runyon, New Jersey: Transactions, American Geophysical Union, 14th annual meeting, 1933. Section of Hydrology, p. 466.

OP 7. _____, 1940, The contamination of ground water by saltwater near Parlin, New Jersey: Transactions, American Geophysical Union.

OP 8. _____, 1945, Ground water problems in New Jersey: American Water Works Association Journal, v. 37, no. 6, p. 563-568.

OP 9. _____, 1949, Depletion of ground water in New Jersey: American Water Works Association Journal, v. 41, no. 6, p. 511-515.

OP 10. _____, 1952, Ground water in the New Jersey Pine Barrens area: Bartonia, December, 1952, no. 26, p. 36-38.

OP 11. Barksdale, H.C., and DeBuchananne, G.D., 1946, Artificial recharge of productive ground-water aquifers in New Jersey: Economic Geology, v. XLI, no. 7, p. 726-737.

OP 12. Barksdale, H.C., and Lang, S.M., 1955, Ground water in the Delaware River Valley: American Society Civil Engineers Proceedings Paper 593, Journal Sanitary Engineering Division, v. 81, 8 p.

OP 13. Barksdale, H.C., and Remson, Irwin, 1954, The effect of land-management practices on ground water: L'Association Internationale d'Hydrologie, no. 37, p. 520-525.

OP 14. Carter, C.H., 1978, A regressive barrier and barrier-protected deposit: depositional environments and geographic setting of the late Tertiary Cohansey Sand: Journal of Sedimentary Petrology, v. 48, no. 3, p. 933-950.

OP 15. Faust, S.D., and Anderson, P.W., 1968, Factors influencing the condensation of 4-aminoantipyrine with derivations of hydroxypenzene-III. A study of phenol content in surface waters: New Brunswick, New Jersey, Rutgers University, p. 515-525.

OP 16. Faust, S.D., Stutz, Hansjakob, Aly, O.M., and Anderson, P.W., 1971, Recovery separation, and identification of phenolic compounds from polluted waters: New Jersey Water Resources Research Institute, Rutgers University, New Brunswick, New Jersey. 56 p.

OP 17. Fusillo, T.V., Hochreiter, J.J. Jr., Lord, D.G., 1985, Distribution of volatile organic compounds in a New Jersey Coastal Plain aquifer system: Ground Water, v. 23, no.3, May-June 1985, p. 354-360.

OP 18. George, J.R., and Anderson, P.W., 1963, Water quality studies of New Jersey streams: Public Health News, v. 44, no. 6, June 1963, 6 p.

OP 19. Gill, H.E., 1960, Evaporation losses from small-orifice rain gages: Geophysical Research Journal, v. 65, no. 9, p. 2877-2881.

OP 20. Gill, H.E., Vecchioli, John, and Bonini, W.E., 1965, Tracing the continuity of Pleistocene aquifers in northern New Jersey by seismic methods: Ground Water, v. 3, no. 4, October 1965.

OP 21. Lang, S.M., 1960, Interpretation of boundary effects from pumping test data: American Water Works Association Journal, v. 52, no. 3, p. 356-364.

OP 22. Little, Silas, Lull, H.W., and Remson, Irwin, 1959, Changes in woodland vegetation and soils after spraying large amounts of waste water: Forest Science, v. 5, no. 1, p. 18-27.

OP 23. McCall, J.E., 1964, Drought in a humid area: American Society Civil Engineers National Environmental Engineering Conf., Salt Lake City, Utah, 9 p.

OP 24. Meisler, Harold, 1978, Problems in water-supply development in the New Jersey Pine Barrens Region, and a possible solution: Prepared in cooperation with the New Jersey Department of Environmental Protection for the First Annual Pine Barrens Research Conference, Atlantic City, New Jersey, 25 p.

OP 25. Remson, Irwin, Appel, C.A., and Webster, R.A., 1965, Ground-water models solved by digital computer: American Society Civil Engineers Proceedings Paper 4330, Journal Hydraulics Division, v. 91, no. HY3, p. 133-147.

OP 26. Remson, Irwin, and Fox, G.S., 1955, Capillary losses from ground water: Transactions, American Geophysical Union, v. 36, no. 2, p. 304-310.

OP 27. _____, 1955, The displacement of calibration curves for electrical soil-moisture units: Transactions, American Geophysical Union, v. 36, no. 5, p. 821-826.

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OP 30. _____, 1958b, Design of irrigation ponds using pond and ground water storage: Transactions, American Society of Agricultural Engineers, v. 1, no. 1, p. 65-67, 75.

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OP 32. Remson, Irwin, Randolph, J.R., and Barksdale, H.C., 1959, Zone of aeration and its relationship to ground water recharge: American Water Works Association Journal, v. 51, no. 3, p. 371-378.

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OP 35. Subitzky, Seymour, editor, 1969, Geology of selected areas in New Jersey and eastern Pennsylvania and guidebook of excursions: New Brunswick, New Jersey, Rutgers University.

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OP 37. Vecchioli, John, Gill, H.E., and Lang, S.M., 1962, Hydrologic role of the Great Swamp and other marshland in upper Passaic River basin: American Water Works Association Journal, v. 54, no. 6, p. 695-701.

OP 38. Winograd, I.J., and Farlekas, G.M., 1974, Problems in 14C dating of water from aquifers of deltaic origin--An example from the New Jersey Coastal Plain: Isotope Techniques in Ground Water Hydrology, 1974, volume II: International Atomic Energy Agency, Vienna, p. 69-93.

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Abbreviations Used

B	Bulletin
BGS	Bulletin-Geologic Series (NJ)
C	Circular
GF	Geologic Folio
GQ	Geologic Quadrangle Map
HA	Hydrologic Investigations Atlas
I	Miscellaneous Investigations Map
MF	Miscellaneous Field Studies Map
NJ-75-1	Water-Data Report
OF	Open-File Report
OP	Other Publication
P	Professional Paper
SR	Special Report (NJ)
U	Unnumbered Open-File Report
W	Water-Supply Paper
WRC	Water-Resources Circular (NJ)
WRI	Water-Resources Investigations Report

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